

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
841 Chestnut Building  
Philadelphia, Pennsylvania 19107



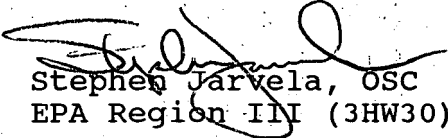
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ORIGINAL  
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SUBJECT: Shaffer Electric Site

DATE: 2-3-94

FROM:   
Stephen Jarvela, OSC  
EPA Region III (3HW30)

TO: Dr. Harry Allen  
Environmental Response Team (MS101)

As discussed I am forwarding the following information on the Shaffer Electric Site:

Site Review Trip Report - TAT 01-12-94  
Correspondence to Pam Hayes WV DEP and the Concerned Citizens to Save Fayette County.

While May seems like plenty of time I do have need to get some things moving. We briefly talked about a conducting a literature search for studies investigating biological uptake of PCBs in plants. I would like ERT to conduct such a search.

I will be tasking TAT to develop outline to address the problems on site. I will also try to anticipate some of the other options that might be put forward by the State, local officials, citizens group and the PRPs. There are three major items, outlined below, that I feel need to be addressed. These are: the contaminated building; the alleged disposal pit; and the erosion problems observed on site.

**SHAFFER BUILDING**

The building was sampled once early during the initial removal action and was found to be contaminated. The decision was to secure the building and wait for future remedial action. Since the site apparently will not score for the NPL, the building needs to be reassessed. I need to determine; the extent of the contamination in the building and if it can be decontaminated; if contamination exists under the building and/or if demolition of the building is necessary. If you see the need for additional action or have any other suggestions I would appreciate them.

### PIT

The PIT is one area that the citizens group has focused significant attention on. The eyewitness states that the burial occurred in the early 1970's about 1973. He has identified the general location which is now mapped on the site map #14 in the trip report. He further states that the PIT is under 12 feet of cover (shale or red dog soils). I have obtained aerial photographs taken in 1969, 1973, and 1975. Terry Slonecker from EPIC stated that a quick review indicates that there is surface disturbance in that area on these photos but no direct evidence of ongoing disposal.

The citizens concern is that if the disposal occurred in the amount alleged (10Ks - 100,000 gallons) it may be migrating into the Minden Mine which is a source of drinking water in the area. There is currently no data that confirms or refutes this concern. More information on the geo-hydrology of the area may be needed if further investigation is warranted.

### EROSION

During our site visit it was obvious that erosion was threatening the integrity of the initial removal remedy. A ditch now bisects the area excavated during the initial removal action. The depth of that ditch is down one foot in some areas, half the way through the soils covering that excavated area. Results from our field screening show PCB levels in excess of 50ppm in the ditch. The source of the PCB contamination has not been verified. However, it appears that the ditch is the result of runoff surfacing from a broken storm sewer.

### FUTURE PLANS

I am making arrangements for having a meeting with all interested parties to discuss their concerns and evaluate all options that they may propose. After talking with the citizens group I have reserved rooms at the Oak Hill Holiday Inn for May 2-7, 1994. Your can make reservations by calling (304)465-0571. I intend to be available all that week. I will talk with you latter to discuss how much coverage I may need from ERT. At this time the minimum I will need is coverage for the 5th and 6th of May.

I look forward to your thoughts and comments on the trip report and items outlined above.